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Laser welding machine for plastic parts - melts ends of parts with laser beam and presses them together

Assignee: NIPPON ELECTRIC CO Standard company (NIDE...)
 Inventor(s): none
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 IPC Class: B29C 27/02 :
 Derwent Classes: A35:
 Manual Codes: A11-C01B(Heat sealing, welding, general)

Derwent Abstract

DERWENT RECORD

(JP53014772A) Laser welding machine comprises clamps for holding plastic parts with a small clearance between the parts; a carriage for moving a laser gun along the clearance to fuse the ends of the parts; and a presser mechanism for forcing the fused ends together. Strong, stable and uniform welding can be performed because the whole of the exposed surfaces of the ends are fused uniformly.

Abstract info: JP53014772A:

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Priority Number (s):

Application Number	Application Date	Original Title
JP1976000089810	July 27, 1976	REEZAYOSETSUSOCHI

Polymer Multipunch Codes:

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Title Terms:

LASER WELD MACHINE PLASTIC PART MELT END PART LASER BEAM PRESS

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